



The Natural World Overview Chart



Title	Word Count	Main Content Vocabulary	Extra Content Vocabulary in Labels and Captions	Sentence Patterns	Visual Literacy	Concepts
Animals						
Birds for Pets	54	birds, boy, budgie, ducklings, eat, fish, girl, good, owl, parrot, pet, rooster, talk	black eyes, brown feathers, foot, red breast, red crest, seeds, tin tub, white beak, wing, yellow down	This... has... for...	photos with labels	<ul style="list-style-type: none"> Birds make good pets. Some people have unusual birds for pets. Some pet birds work. Some pet birds grow up and then are no longer pets.
Who Lives Near Sam?	77	animal, anteater, blue wings, butterfly, frog, lives, monkey, near, red eyes, sloth, thick legs, three-toed sloth, three toes, white face	antenna, black tail, blue morpho butterfly, blue wings, eyes, face, giant anteater, giant owl butterfly, legs, lesser anteater, long hair, orange toes, pointed nose, poison dart frog, red-eyed tree frog, spider monkey, two-toed sloth, white-faced monkey	This animal... It is a/an... Can you see its...?	montage	<ul style="list-style-type: none"> Some sloths have three toes, some have two. Sloths live in rainforests in Central and South America. Different species of mammals live in the same area as three-toed sloths. Frogs and butterflies live in the same area as three-toed sloths.
Fast and Faster	61	antelope, beetle, cheetah, cockroach, dives, dragonfly, eagle, falcon, fast(er), fish, flies, fly insect, marlin, moth, runs, sailfish, swim(s)	black talon, body, bulgy eye, curved horn, ears, eyes, feathers, fin, horns, legs, nose, spear-like nose, talons, transparent wing, wing	This... very fast. But this... faster.	relationship chart	<ul style="list-style-type: none"> The two fastest animals are birds. The fastest land animal is the cheetah. A sailfish swims as fast as a cheetah can run. Dragonflies are the fastest flying insects.
Quills and Spines	86	animals, armadillo lizards, fish, hedgehog, iguanas, porcupine, porcupine fish, puffer fish, quills, safe, sea urchin, spines starfish, thorny dragon	claw(s), mouth, nose, stone, tube feet	This animal is a... It has... to keep it safe.	fact file	<ul style="list-style-type: none"> Some animals have quills to keep them safe. Some animals have spines to keep them safe. Animals with quills are land animals. Some animals with spines live on land, others live in the water.
Heavyweights and Their Babies	55	elephant, gorilla, heavyweight, hippopotamus, long trunk, rhinoceros, sharp horn, small ears, smooth fur, thin lips, tiger	baby, baggy skin, big ears, elephant calf, gorilla baby, hippopotamus calf, rhinoceros calf, striped legs, thick fur, tiger cub, wide nose	This heavyweight is a(an)... Can you see its...?	graph	<ul style="list-style-type: none"> Heavyweights are big animals. The African elephant is the heaviest land animal. Heavyweights have different characteristics. Heavyweight babies have different names.

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Interesting Reptiles	65	clue, interesting, reptile	branch, chameleon, claws, ear(s), eye(s), flower, gecko, green scales, head, horn, iguana, leaf, leaf-tailed gecko, leg, marine iguana, matamata turtle, mouth, nostril(s), prairie rattlesnake, rattlesnake, scales, seaweed, tail, tongue, turtle	Why is this...? Here is a clue. What can you see?	table	<ul style="list-style-type: none"> • Many different animals are reptiles. • Lizards, snakes, turtles, iguanas, geckos, and chameleons are reptiles. • Reptiles can have different characteristics. • Some reptiles have features that differentiate them from others of their species.
Plants						
Plants of the Desert	52	branches, buds, cactus, desert, dry, fruit, lilies, lots, plant(s), tree, twigs	Atacama Desert, branch, Charyn Canyon Desert, cloud, date palm, dragon tree(s), flower, frond(s), leaves, lily(ies), map, palm tree petals, saguaro cactus, Sahara Desert, sand, saxaul tree, sky, Socotra Island Desert, Sonoran Desert, stems, trunk	This plant/tree lives in a... It has...	chart with key	<ul style="list-style-type: none"> • There are deserts all over the world. • All deserts have very little rain. • Some deserts are stony, some are sandy. • Some plants can grow in deserts.
Edible Pricklies	67	chestnut, eat, flesh, fruit, nut, outside, prickly, skin, vegetable	bacon, burr, carrot, flower, fruits, juice, mushroom, pizza, prickle, salad, seeds, shell, shrimp, soup, stalk, stirfry, tendril, vine	This fruit has... but you can... The outside... is... but you can	flow diagram	<ul style="list-style-type: none"> • Some vegetables have prickles on their skin. • Some fruits have prickles on their skin. • Even though these plants have prickles, you can eat them. • There are many ways of cooking these plants.
Plant Carnivores	49	eat(s), fly(ies), frogs, insects, plant(s), trapped	bladderwort, cobra lilies, eye, flower, frog, guard hair(s), hooded leaf, opening, pink flower, pitcher plant, pitchers, pond, stem, sundew, tentacles, venus fly trap, white flower, yellow flower(s)	Look at this... It...	table	<ul style="list-style-type: none"> • Some plants eat insects. • Venus fly traps have hairs that close the trap when an insect touches them. • Pitcher plants drown their prey in pitchers. • Insects stick to the tentacles of sundew plants.
Pretty, but Poisonous	61	eat, near, plants, poisonous, pretty, touch	berry(ies), branch, cap, castor oil plant, deadly nightshade, flower(s), leaf, giant hogweed, mushroom(s), oleander(s), rail, seed, seed capsule, stalk, wall, white, white flower, yellow	These plants are... but they are... Do not...	sign	<ul style="list-style-type: none"> • Some common plants are poisonous. • Poisonous plants may look very pretty. • Some plants have poisonous flowers. • Some plants have poisonous seeds and berries.

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Unusual Trees	43	bark, branches, face, through, tree, trunk, walk, wide	aspen tree, banyan tree, branch, face, fence, ground, grove, gum tree, path, plant, rainbow bark, root(s), sequoia tree, sign, twisted branches, yew berry, yew tree	Look at... Can you see...?	world map	<ul style="list-style-type: none"> • Some trees have unusual features. • Some unusual trees are very big and very wide. • Unusual features can be natural or made by humans. • Unusual trees can be found in different countries.
Water-Loving Plants	67	grow(ing), lakes, oceans, plants, ponds, rivers, swamps	flowers, frog, green leaves, lake, lotus, lotus plants, mangrove trees, mountain, ocean, pink flower(s), pond, purple flowers, river, roots, seaweed, starfish, sunset, water hyacinth(s), water lily(ies), white flower	You can see these... They also grow...	procedure	<ul style="list-style-type: none"> • Many plants can grow in water. • Some plants can grow in salt water. • Some plants can grow in fresh water. • Plants like water lilies, lotus, and water hyacinths spread over the surface of the water.
Weather						
Wet Weather	30	black clouds, need, rain, raincoat, raining, sandbags, still, too much, umbrella	boat, boy, brick, bring, cars, flood(ed), gate, girl, hose, keep, motorcycle, puddle, rain boots, sign, street, trees, water	It is... You need...	checklist	<ul style="list-style-type: none"> • When there are black clouds, it could mean wet weather. • Lots of rain forms puddles. • Floods are caused when rivers break their banks. • People use sandbags to try to keep floodwater out of their homes.
Changeable Weather	41	cold, stormy, sunny, today, weather, wet, windy, yesterday	beach, blizzard, blows, boat, buckets, children, coat, damage, drought, fills, flood, hurricane, lightning, plank, play, rain, raindrops, scarf, snow, soccer ball, storm, thunderstorm, tree, umbrella, uniform, wave, wind	Yesterday it was... Today the weather is...	icons	<ul style="list-style-type: none"> • Weather changes. • Weather can change quickly. • Different types of weather can change into extreme conditions. • You can use icons to represent the weather.
It's Snowing	40	car, children, clears, cold, driveway, lady, man, play, sled, snow, street, truck	blows, boot, covered, hat, moves, shovel, slide, snow brush, snow blower	A... clears the snow from...	relationship chart	<ul style="list-style-type: none"> • It can snow in very cold weather. • Snow covers streets and vehicles. • People use vehicles and machines to clear the snow. • There are lots of fun things to do in the snow.

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Hurricanes	40	big, blows, boats, ground, houses, hurricane, over, road, sea wall, shore, storm, trees, waves	blown, boat, brick, car(s), eye, fell, hit, house, lighthouse, meteorologist, over, rocks, roots, tree, window, windy	A hurricane blows...	infographic	<ul style="list-style-type: none"> • Hurricanes are very big storms. • The middle of a hurricane is called its eye. • Hurricanes damage trees and property. • Hurricanes can injure people.
Hot and Dry Weather	63	beach, drought, dry, eat, fire, hot, ice cream, long time, picnic	basket, boy(s), burns, cone, cornfield, crack, family, firefighters, flames, forest, ground, helicopter, mud, picnics, smoke, splash, sunglasses, water, watermelon, wave	When it's hot and dry you can...	list	<ul style="list-style-type: none"> • Sometimes the weather is hot and dry. • If it is hot and dry for a long time there can be forest fires. • If it is hot and dry for a long time there can be a drought. • There are lots of fun things to do in hot, dry weather.
Tornadoes	39	big, black cloud, destroys, hits, land, lightning, spins, tail(s), things, thunderstorm, tornado, wind	boat, debris, destroyed, dust, everything, grass, ground, pole, post, road, spinning wind, stirs, swimming pool, wall, water	Look at the... It is... The... has...	diagram	<ul style="list-style-type: none"> • Tornadoes are spinning winds. • Tornadoes form in thunderstorms. • Tornadoes have a tail or tails. • If the tail makes landfall, it causes damage.
Health						
Home and Work	80	brush, clothes, dishes, hair, hands, home, teeth, wash, work	bowls, brushing, doctor, family, hairstylist, shampoo, sink, sponge, toothbrush, towel, veterinarian, washing, washing machine, water	When you are at home/work you... But you can...	relationship chart	<ul style="list-style-type: none"> • People have routines regarding healthy habits at home. • Some of these routines involve keeping themselves clean. • People also keep their clothes and dishes clean at home. • People also keep themselves, their clothes, and dishes clean doing different jobs at work.
Something New	92	badminton, bike, build, dog, English, feed, fix, fly, guitar, kite, learning, llama, microscope, new, play, read, robot, softball, something, use, wash	bat, book, building, ear, feeding, fixing, grandma, hit, playing, racquet, reading, shuttle, sister, soap, string, using, washing, wrench	I am learning.... He is learning... She is learning	photos with labels	<ul style="list-style-type: none"> • Learning something new is fun. • People can learn new games or skills. • Young people and older people can try new things.
I'm Happy!	62	baking, car, dog, fishing, happy, movie, phone, reading, shopping, sliding, snow, swimming, talking, walking, washing, watching	bread, comics, couch, dough, eat, food, friend, glasses, grandma, mom, popcorn, read, remote, roll, shop, smile, tablet, talk	I'm happy when...	relationship chart	<ul style="list-style-type: none"> • Different things make people happy. • You can be happy by yourself or with others. • You can be happy at home. • You can be happy when you do things away from home.

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Jump, Swim, Climb	65	climb, dance, jump, mountain, over, park, pool, river, run, stage, street, swing, track, trampoline, tree, under	boy, climber, climbing, dancers, dancing, girl, house, ice, jumping, man, people, rope, runners, running, shoes, swinging, T-shirts	You can... and you can... The... is...	concept map	<ul style="list-style-type: none"> • You can participate in outdoor activities at any age. • You can do some activities near to home and others far away. • You can participate even if you have a disability. • Some activities use more energy than others.
Fruits and Vegetables	51	apples, applesauce, carrot soup, carrots, fruit(s), mashed potatoes, orange juice, oranges, potatoes, soup, vegetable(s)	carrot soup, cauliflower, family, girl, man, masher, picking, shovel, spoon, straw hat	You can make... with...	photo with labels	<ul style="list-style-type: none"> • Fruits and vegetables are part of a healthy diet. • People can grow their own fruits and vegetables. • There are different ways of eating fruits and vegetables.
Yummy Energy Foods	55	corn on the cob, energy, food(s), fruits, give(s), granola bars, oatmeal, rice, salmon, sushi, taste(s), tortillas, vegetables, yummy	apron, bowl, chopsticks, corn plants, eating, family, fork, fruit salad, girl, granola bar, making, man, milk, oat plants, oats, peas, people, plate, potato garden, potatoes, rice plants, seaweed, tongs, warming, wrapper	... taste yummy. This girl is... These people are...	chart	<ul style="list-style-type: none"> • The food you eat provides your body with energy. • Fruits and vegetables give your body energy. • Fish and grains give your body energy. • There are different ways to cook energy foods.